

ITEM:

28

SUBJECT:

Uncontested Waste Discharge Requirements

REPORT:

Following are the proposed waste discharge requirements that prohibit discharge to surface waters. All agencies and the dischargers concur or have offered no comments. Items indicated as updates on the summary agenda make the requirements consistent with current plans and policies of the Board.

a. **LAKE COUNTY PUBLIC SERVICES DEPARTMENT, EASTLAKE SANITARY LANDFILL, CLASS III LANDFILL, CLASS II SURFACE IMPOUNDMENT, CONSTRUCTION, OPERATION, AND CORRECTIVE ACTION, Lake County**

Lake County Public Services Department (Discharger) owns and operates the Eastlake Sanitary Landfill located at the eastern edge of the City of Clearlake in Lake County. Approximately 35 acres are dedicated to refuse disposal. The facility serves all of Lake County and has been in operation as a landfill since 1972. The facility consists of an unlined Class III landfill unit, a lined Class III landfill unit, and a lined Class II surface impoundment used for leachate storage. The waste discharge requirements (WDRs) are being revised due to a request from the Discharger to begin accepting treated wood waste and non-friable asbestos at the landfill. This Order allows the discharge of treated wood waste provided it is handled and disposed of in accordance with the applicable provisions of the Health and Safety Code, and is discharged only to the lined portion of the landfill. This Order also allows the discharge to non-friable asbestos at the landfill. The WDRs also include a schedule for the Discharger to continue assessing and to remediate low levels of volatile organic compounds that have been detected in groundwater at the facility, and provide Board approval of the Preliminary Closure and Post-Closure Maintenance Plan for the landfill. Surface water drainage from the landfill is to Molesworth Creek that is tributary to Clear Lake. (WLB)

b. **CONTRA COSTA WATER DISTRICT AND DIABLO WATER DISTRICT, RANDALL BOLD WATER TREATMENT PLANT AND BRENTWOOD WATER TREATMENT PLANT, Contra Costa County**

Contra Costa Water District (CCWD) and Diablo Water District (DWD) own and operate the Randall Bold Water Treatment Plant and the to be constructed Brentwood Water Treatment Plant. The Randall Bold WTP can treat up to 40 mgd and the new Brentwood WTP may eventually treat up to 30 mgd of drinking water. Raw water comes from the Sacramento-San Joaquin Delta, Old River and Rock Slough area via the Contra Costa Canal. Filter backwash water is discharged

to lagoons for settling/decanting and evapoconcentration. Dried solids are disposed of off-site. The WDRs establish a time schedule for the Discharger to choose between an annual anti-degradation certification or groundwater monitoring requirements to ensure that water quality is protected. Surface water drainage is to Marsh Creek, which is tributary to Big Break in the Sacramento-San Joaquin Delta. (GWL)

c. **ALPHA DYNO NOBEL dba ALPHA EXPLOSIVES AND HERCULES INCORPORATED INSITU GROUNDWATER TREATMENT SYSTEM, Placer County**

The insitu groundwater treatment system relies on the addition of acetate to groundwater through discrete injection points to stimulate microbiological degradation of perchlorate and nitrate in groundwater. Some injection points will be converted to small diameter wells in order to add supplemental doses of acetate as needed. The treatment system consists of at least one and up to three separate phases. Phase I consists of two injection grids at the primary source areas: at the mix building, and at the former evaporation pond. If additional groundwater treatment is needed downgradient of the primary source areas, the Phase II injection grid will be aligned along the downgradient property boundary, and if needed, the Phase III injection grid will be aligned along an off-site downgradient roadway. A monitoring and reporting program will provide data demonstrating the effectiveness and extent of the treatment zone, and threshold criteria are established that trigger the implementation of a contingency plan to remove excess acetate from areas that may exceed acceptable residual acetate concentrations. (AST)

RECOMMENDATION: Adopt the proposed waste discharge requirements.

Mgmt. Review _____

Legal Review _____

Regular Board Meeting
Central Valley Regional Water Quality Control Board
11020 Sun Center Drive, #200
Rancho Cordova, CA 95670

21/22 September 2006